

• **Abstract**

The present invention relates to an electronic control unit (100) having implemented on it, and made up of components, a software and a plurality of software interfaces (101, 102, 103, 104, 105, 106), optimized with respect to the exchange of data, for the optional coupling in of 5 a plurality of applications, the software including at least one application-specific software code of a component for each application capable of being coupled in, which is activated when the application is coupled in. The present invention also relates to a corresponding method for the specification of a software architecture of an electronic control unit (100).

10 (Figure 1)